

CLAIMS

Sub
A1

1. An apparatus for the internal inspection of
5 pipes and tubes (1) or the like, comprising an ultrasonic
measuring head (2) and a cable (3) coupled to the measur-
ing head, which cable can be coupled outside the pipe or
tube (1) to be measured to a device processing the measur-
ing data, characterized in that at its distal end but be-
10 hind the measuring head (2), the apparatus is provided
with a reel (4) for winding the cable (3) on and off.

2. An apparatus according to claim 1, character-
ized in that the cable is a glass-fibre cable (3) and in
that the apparatus near its distal end is provided with a
15 feed device (6) for feeding the measuring head (2).

3. An apparatus according to claim 1 or 2, charac-
terized in that the measuring head (2), the reel (4), the
feed device (6), and any possible electronics (5) present
near distal end are each incorporated individually in car-
20 rier members that can be moved through the pipe or tube
(1).

4. An apparatus according to claim 3, character-
ized in that the individual carrier members are sequen-
tially interconnected by means of flexible couplings (7).

25 5. An apparatus according to claim 4, character-
ized in that the flexible couplings (7) are formed by hy-
draulic tubes with a steel covering.

6. An apparatus according to claim 5, character-
ized in that the length of the hydraulic tubes is chosen
30 in accordance with the flexural stiffness of the tubes.